



# ***STIC Search Report***

***EIC 2800***

**STIC Database Tracking Number: 130936**

**TO: James Dudek  
Location: JEF- 4A55  
Art Unit : 2871  
Thursday, August 26, 2004**

**Case Serial Number: 09/667427**

**From: Darcy Bates  
Location: EIC 2800  
JEF- 4B68  
Phone: 571-272-2540**

**darcy.bates@uspto.gov**

## **Search Notes**

**Re: 09/667,427 US 5,812,226**

**Attached are search results.**








**No U. S. litigation was found in searches of  
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let  
me know.**

**Thanks,  
Darcy Bates**

## Litigation involving patent 5,812,226

Click on the docket number to view the docket.  
Click on the above patent number to view the patent.

 Docket   Case Heading   Date Filed   Date Retrvd 

**There are no cases involving this patent number.**

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#) Terms: **patno=5812226** ([Edit Search](#))*868481 (08) 5812226 September 22, 1998*

## UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

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September 22, 1998

Liquid crystal display formed by a plurality of non-electrically interconnected liquid crystal display panels

**REISSUE:** Reissue Application filed Sep. 21, 2000 (O.G. Nov. 7, 2000) Ex. Gp.: 2871; Re. S.N. 09/667,427, (O.G. November 7, 2000)

**INVENTOR:** Izumi, Yoshihiro, Kashihara, JP; Fujiwara, Sayuri, Nara, JP; Shinomiya, Tokihiko, Nara, JP

**APPL-NO:** 868481 (08)

**FILED-DATE:** June 3, 1997

**GRANTED-DATE:** September 22, 1998

**PRIORITY:** September 2, 1994 - 6-210216, Japan (JP); February 17, 1995 - 7-029395, Japan (JP)

**ASSIGNEE-AT-ISSUE:** Sharp Kabushiki Kaisha, Osaka, JP

**LEGAL-REP:** Conlin, David G.; Michaelis, Brian L.

**PUB-TYPE:** September 22, 1998 - Utility Patent having no previously published pre-grant publication (A)

**PUB-COUNTRY:** United States (US)

**REL-DATA:**

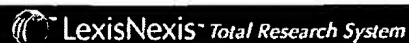
Addition of Ser. No. 468649, June 6, 1995

**US-MAIN-CL:** 349#73

**CL:** 349

**SEARCH-FLD:** 359#82, 359#83, 359#64, 359#53, 349#73

**IPC-MAIN-CL:** G 02F001#133


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patno=5812226

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<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us5812226/pn

\*\* SS 1: Results 1

Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image  
PN - US5812226 A 19980922 [US5812226]  
TI - (A) Liquid crystal display formed by a plurality of  
non-electrically interconnected liquid crystal display panels  
PA - (A) SHARP KK (JP)  
PAO - Sharp Kabushiki Kaisha, Osaka [JP]  
IN - (A) FUJIWARA SAYURI (JP); IZUMI YOSHIHIRO (JP); SHINOMIYA  
TOKIHIKO (JP)  
AP - US86848197 19970603 [1997US-0868481]  
FD - Cont. of US468649 19950606 [1995US-0468649] (Abandoned)  
PR - US86848197 19970603 [1997US-0868481]  
JP21021694 19940902 [1994JP-0210216]  
JP2939595 19950217 [1995JP-0029395]  
US46864995 19950606 [1995US-0468649]  
IC - (A) G02F-001/133  
EC - G02F-001/1333N  
PCL - ORIGINAL (O) : 349073000  
DT - Basic  
CT - US4408836; US4515440; US4591240; US4733948; US4906071; US5106197;  
US5164853; JP1-213621; JP5-19347; JP5-19346; JP5-127605;  
JP5-188340; JP5-341310; JP6-95130; JP6-17178  
STG - (A) United States patent  
AB - A liquid crystal display comprising a plurality of liquid crystal  
panels placed on a single plane of a large substrate, and a black  
matrix made of a photo-absorbing film that shows black when having  
absorbed light. Two polarizing plates are respectively placed to  
cover the front and rear surface of a set of liquid crystal panels  
almost entirely in such a manner that their polarizing axes  
intersect at right angles. The resulting multi-screen liquid  
crystal display consumes less power, retains excellent display  
quality, and makes the joints between the liquid crystal panels  
difficult to see.

1 / 1 LGST - ©EPO  
PN - US5812226 A 19980922 [US5812226]  
AP - US86848197 19970603 [1997US-0868481]  
ACT - 20001107 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20000921  
UP - 2003-22

1 / 1 CRXX - @CLAIMS/RRX  
AN - 3044522  
PN - 5,812,226 A 19980922 [US5812226]  
PA - Sharp K K JP  
PT - E (Electrical)  
ACT - 20000921 REISSUE REQUESTED  
Issue Date of O.G.: 20001107  
Reissue Request Number: 09/667427  
Examination Group responsible for Reissue process: 2871  
  
UP - 2000-45  
UACT- 2000-11-07

Search statement 2

Query/Command : fam us5812226/pn

1 Patent Groups  
\*\* SS 2: Results 4

Search statement 3

Query/Command : famstate nonstop

1 / 4 PLUSPAT - @QUESTEL-ORBIT  
PN - CN1120178 A 19960410 [CN1120178]  
STG - (A) Unexamined application  
TI - (A) Liquid crystal display  
PA - (A) SHARP KK (JP)  
IN - (A) FUJIWARA SAYURI (JP); IZUMI YOSHIHIRO (JP); SHINOMIYA  
TOKIHIKO (JP)  
IC - (A) G02F-001/1336  
PN2 - CN1087437 B 20020710 [CN1087437B]  
STG2- (B) Patent  
TI2 - (B) Liquid crystal display  
PA2 - (B) SHARP KK (JP)  
IN2 - (B) FUJIWARA SAYURI (JP); IZUMI YOSHIHIRO (JP); SHINOMIYA  
TOKIHIKO (JP)  
IC2 - (B) G02F-001/1335  
AP - CN95108323 19950606 [1995CN-0108323]  
PR - JP21021694 19940902 [1994JP-0210216]  
JP2939595 19950217 [1995JP-0029395]

2 / 4 PLUSPAT - @QUESTEL-ORBIT - imägè  
PN - JP8122769 A 19960517 [JP08122769]  
STG - (A) Doc. Laid open to publ. Inspec.  
TI - (A) LIQUID CRYSTAL DISPLAY DEVICE  
PA - (A) SHARP KK  
PA0 - (A) SHARP CORP  
IN - (A) FUJIWARA SAYURI; IZUMI YOSHIHIRO; SHINOMIYA TOKIHIKO  
IC - (A) G02F-001/1335 G02F-001/1339 G02F-001/1347  
PN2 - JP3131354 B2 20010131 [JP3131354]  
STG2- (B2) Grant. Pat. With A from 2500000 on  
IC2 - (B2) G02F-001/1335 G02F-001/1347  
AP - JP2939595 19950217 [1995JP-0029395]  
PR - JP2939595 19950217 [1995JP-0029395]

JP21021694 19940902 [1994JP-0210216]

3 / 4 PLUSPAT - ©QUESTEL-ORBIT

PN - KR177050 B1 19990501 [KR-177050]  
STG - (B1) Examined pat. App. (2nd pub.) B5  
TI - (B1) LIQUID CRYSTAL DISPLAY FORMED BY A PLURALITY OF NON-ELECTRIC  
ALLOY INTERCONNECTED LIQUID CRYSTAL DISPLAY PANELS  
PA - (B1) SHARP KK (JP)  
IN - (B1) IZUMI YOSHIHIRO (JP); FUJIWARA SAYURI (JP); SHINOMIYA  
TOKIHIKO (JP)  
IC - (B1) G02F-001/133  
AP - KR9515104 19950605 [1995KR-0015104]  
PR - JP21021694 19940902 [1994JP-0210216]  
JP2939595 19950217 [1995JP-0029395]  
UP - 2000-10

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JP2939595 19950217 [1995JP-0029395]  
US46864995 19950606 [1995US-0468649]  
EC - G02F-001/133N  
PCL - ORIGINAL (O) : 349073000  
DT - Basic

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ACTE- 20001107 US/RF-A  
REISSUE APPLICATION FILED  
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<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not
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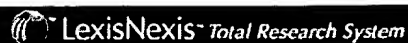
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